



Update for the Transportation External Coordination Working Group

Ella McNeil

Office of Transportation, EM-63

- www.casacappellino.com
- djashw@yahoo.com



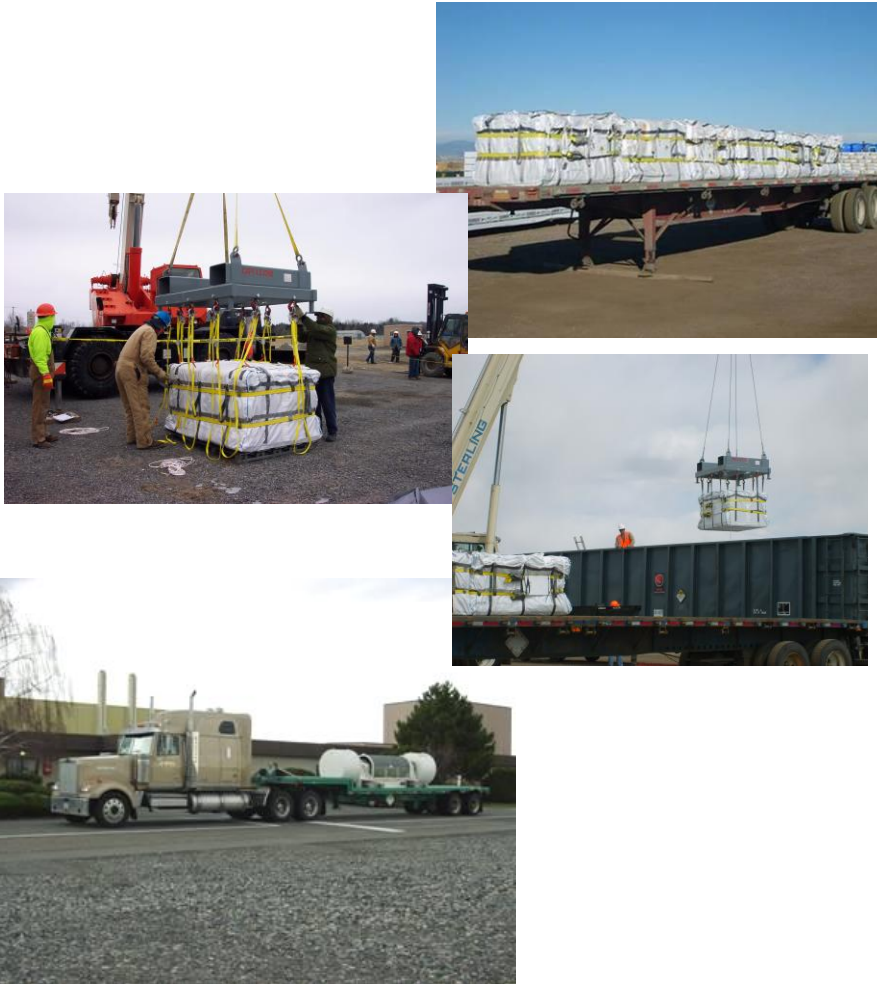
EM Environmental Management

safety ❖ performance ❖ cleanup ❖ closure

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EM Shipments Continue. . .

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- LLW & MLLW shipments continue from WVDP, OR, and Mound
- MOX shipments from Hanford to ID



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Uranium Oxide Transportation Logistics

- Each uranium oxide cylinder will weigh ~14-18 tons.
- 11 railcars are planned to be shipped each week.
 - Group of 5 or 6 railcars will be shipped from each site
 - Each gondola railcar will contain up to 6 cylinders



Update of DOE Manual 460.2-1

- Formal review ended April 2007
- Comment resolution is complete
- Manual is in formal concurrence process
 - All program offices
 - Nonconcurrence from GC
 - Working to address issues
- Issuance date depends on resolution of GC concerns and program concurrences



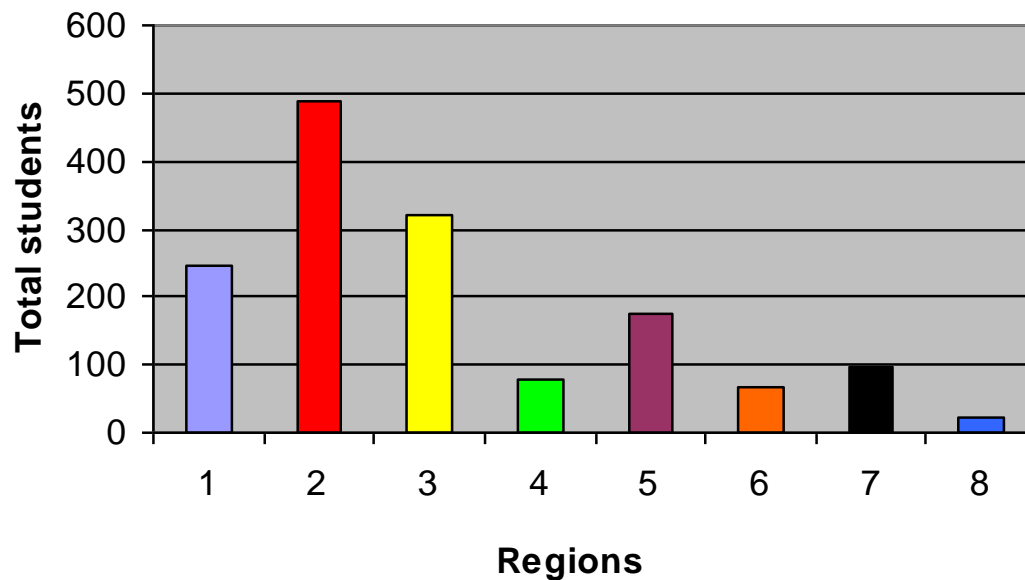
Revised Event Reporting Criteria

- Working group established in January 2007
 - Representatives from WGA, NE-CSG & MW-CSG; field sites (CBFO, SR, & EM-CBC); and EM-63
- Identified reporting requirements (DOT, NRC)
- Defined event, incident, accident, etc.
- Determine how to categorize events
- Develop consensus criteria for transportation event reporting and transportation incident performance metrics reporting.
- Goal is to have a product that allows the field to know what should be reported, provides appropriate information to our stakeholders, and provides better performance metrics



Transportation Emergency Preparedness Update

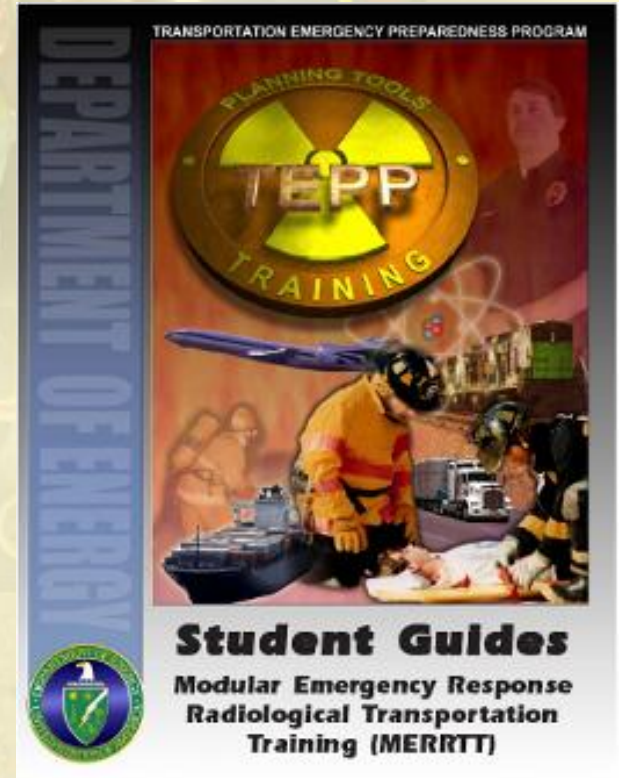
FY 2007 Total Students by Region





MERRTT Revisions

- Rewrite of Module 13 - Decontamination, Disposal and Documentation
- Merged Modules --
 - Terms and Definitions merged with Radiation Basics
 - Assessing Package Integrity merged with Hazard Recognition
- Updated pictures throughout the training and reworded text in several areas for clarification
- Reordered module sequencing and added several text book practical exercises





NS Whistlestop Tour

- TEPP will once again be participating in the TRANSCAER WST
- Designed to increase community understanding of emergency planning and to provide training
- September 17-21
 - Hattiesburg, MS
 - Meridian, MS
 - Tuscaloosa, AL
 - Birmingham, AL
 - Columbus, GA





Radiation Specialist Training Program

- Rad Specialist Course
 - Developed under an agreement with the Western Governors' Association
 - Phase I - 24 hour training will be piloted in the Fall
 - Harrisburg, PA – October 2-4
 - Idaho Falls, ID – dates to be determined
- Development for Phase II will not begin until acceptance of Phase I by stakeholder review groups



Questions



Backup



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Performance Metrics

➤ Calculation of Incidents Rates/Million Miles:

FY06 Incident Rates

- **$22 / 14,060 = 15.65 / 10,000$ shipments**
- **$22 / 13,300,000 = 2.03 / 1,000,000$ miles**

Current EM Event Reporting Criteria

- Any release of an EM material during transportation;
- Any injury (either outpatient, first aid, minor injury, hospitalization, or fatality);
- Any damage to the transport vehicle, package, or property;
- Any fines; regulatory violations; or deviations from accepted protocols, orders, or procedures;
- Any package damage or load securement problem;
- Any route deviation (for Transcom monitored shipments); security breach; or activation of emergency personnel;
- Any deviation that triggers a Level VI CVSA inspection;
- Any road closure or public evacuation;
- Any local or national media coverage.

So How Are We Doing?

FY 2004 Transportation Incidents:

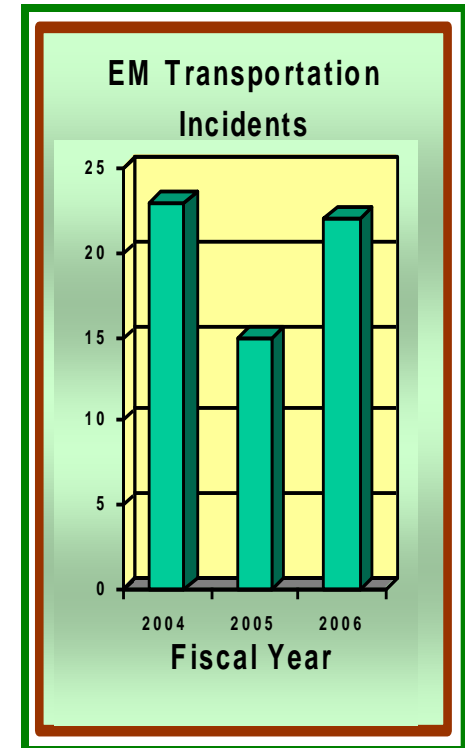
- EM had 23 reported off-site incidents.
- Incident Rate = $23/2.0 = 11.5$ Incidents/10,000 Shipments

FY 2005 Transportation Incidents:

- EM had 15 reported off-site incidents.
 - Most significant incident was rain water in BNL railcar
- Incident Rate = $15/2.2 = 6.8$ Incidents/10,000 Shipments

FY2006 Transportation Incidents:

- EM had 27 transportation events (22 incidents).
- Incident Rate = $22/1.4 = 15.7$ Incidents/10,000 Shipments



EM Transportation Events in FY 2007

- 11/06, ID – Inaccurate Characterization of Hazardous Waste Shipment
- 11/09, WVDP – Mechanical Failure (blown engine)
- 11/16, SR – Two shipments did not follow preferred routes to NTS
- 3/05, PORTS – Driver reports concerns regarding a Rad-Waste Shipment (leaking Sealand container)
- 3/10, ID/WIPP – Helium Leak Test conducted on TRUPACT Container with Incorrect Gas
- 4/01 – ID/WIPP - Reversal of "O-Ring" Placement in TRUPACTs
- 5/11, SR/WIPP – Shipment to WIPP involved in accident near Ranger, TX



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TEPP Tribal Activities

- Conducted training and presentation at Tribal Summit in Denver, CO
- Conducted training for the Absentee Shawnee Tribe in Shawnee, OK
- Conducted Tribal Needs Assessment for both Acoma and Laguna Pueblos of New Mexico
- MERRTT session planned for Acoma Pueblo later this year
- MERRTT session planned for Laguna Pueblo later this year
- MERRTT session planned for Flagstaff, AZ later this year – Navajo Nation invited
- Tabletop drill and exercise scheduled for calendar year 2007 as a joint effort between two tribal governments and 1 county government in New Mexico (Laguna and Acoma Pueblos with Cibola County)